

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No.422420, Clinch County **OFFICE** Preconstruction
EDS-441(47)
US 441/SR 89 Improvements **DATE** April 4, 2005

FROM  Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

TO  SEE DISTRIBUTION

SUBJECT NOTICE OF LOCATION AND DESIGN APPROVAL

Attached for your further handling is the approved Location and Design Report on the above subject project.

Also attached is the Notice of Location and Design Approval. This is authorization for the District to proceed with advertisement.

MBP/cj

Attachment

DISTRIBUTION:

David Mulling
Harvey Keeper
Jamie Simpson
Paul Liles
Keith Golden
Ken Thompson
Joe Palladi (file copy)
Babs Abubakari
Kent Sager
BOARD MEMBER

1042

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE



FILE: EDS-441(47) Clinch County
P.I. No. 422420
SR 89/US 441 FM SR 94/SR 177 to N of CR 8

OFFICE: Consultant Design

DATE: March 28, 2005

M. B. Abubakari
FROM: Mohammed (Babs) Abubakari, P.E., State Consultant Design Engineer

TO: Meg Pirkle, P.E., Assistant Director of Preconstruction

SUBJECT: Request for Location and Design Approval

Description: EDS-441 (47) in Clinch County will improve US 441 from the intersection with SR 94 & SR 177 to a point approximately 2850 ft north of Williamsburg Road where it ties to Project EDS-441 (48), for a total length of 2.7 miles. The proposed typical section will be 4-12 ft lane with a 32 ft depressed grassed median in rural sections and 4-12 ft lane roadway with a 20 ft raised grass median in the city of Fargo. The roadway transitions from the 32 ft depressed grassed median to a 20 ft raised grassed median approximately 1000 ft south of the at-grade railroad crossing in Fargo. SR 94 (West) will be realigned one block to the south of existing to tie into US 441 across from the entrance to the new Visitor's center. The raised grassed median section continues through Fargo to the end of the project. The alignment changes sides of the road several times to avoid historic resources as well as to minimize wetland and stream impacts.

Estimated Cost:	Current	Approved
Construction (incl. E/C)	\$ 18,100,000.00	\$ 17,000,000.00
Right-of-Way	\$ 2,500,000.00	\$ 2,500,000.00
Utilities	\$ 210,960.00	\$ 210,960.00

Concept Approval Date: The Project Concept Approval date was October 25, 2002

Concept Update: N/A

Environmental Assessment and Reassessment Approval Date: The NEPA document was approved December 1, 2004

Public Involvement: The Public Hearing was held on March 11, 2004 at the Fargo Charter

School in Fargo, GA and the Homerville Municipal Complex in Homerville, GA. A total of 55 people attended this meeting. Comments for the Fargo meeting are shown below:

Responses - 20 Oppose - 2 Support - 17 Uncommitted/Conditional - 1

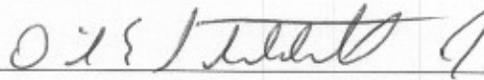
Consistency with Approved Planning: The design description as presented herein and submitted for approval is consistent with the approved Concept Report.

Recommendations: The Office of Consultant Design recommends that the location and design for project EDS-441(47) be approved and that the attached "Notice" be approved for advertising.

RECOMMEND:


Buddy Gratton, P.E. --- Director of Preconstruction

APPROVE:


Paul V. Mullins, P.E. --- Chief Engineer
David E. Studstill Jr

4/1/05

Date of Approval

Attachments:

- * Sketch Map
- * Cost Estimate
- * Notice of Location and Design Approval

NOTICE OF LOCATION AND DESIGN APPROVAL

PROJECT: EDS-441(47) CLINCH COUNTY
P. I. NO. 422420

Notice is hereby given in compliance with Georgia Code 22-2-109 that the Georgia Department of Transportation has approved the Location and Design of the above projects.

Date of Location and Design Approval: APRIL 4, 2005

Project EDS-441(47) in Clinch County consists to widening and reconstructing 2.7 miles of US 441/SR 89 corridor. The project begins with the reconfiguration of the intersection with US 441/SR 89/SR 177 approximately 3,500 ft south of the Suwannee River and proceeds to a point approximately 2850 ft. north of Williamsburg Road, just north of the Fargo Golf Course. This project lies entirely within Clinch County. The project is located in Land Lots 249, 270, 271, 323, 324, 343, and 344 of the 13th Land District of Clinch County.

The proposed roadway will consist of four lane roadway with a 32' depressed median in rural sections and four lane roadway with a 20' raised grass median in the city of Fargo.

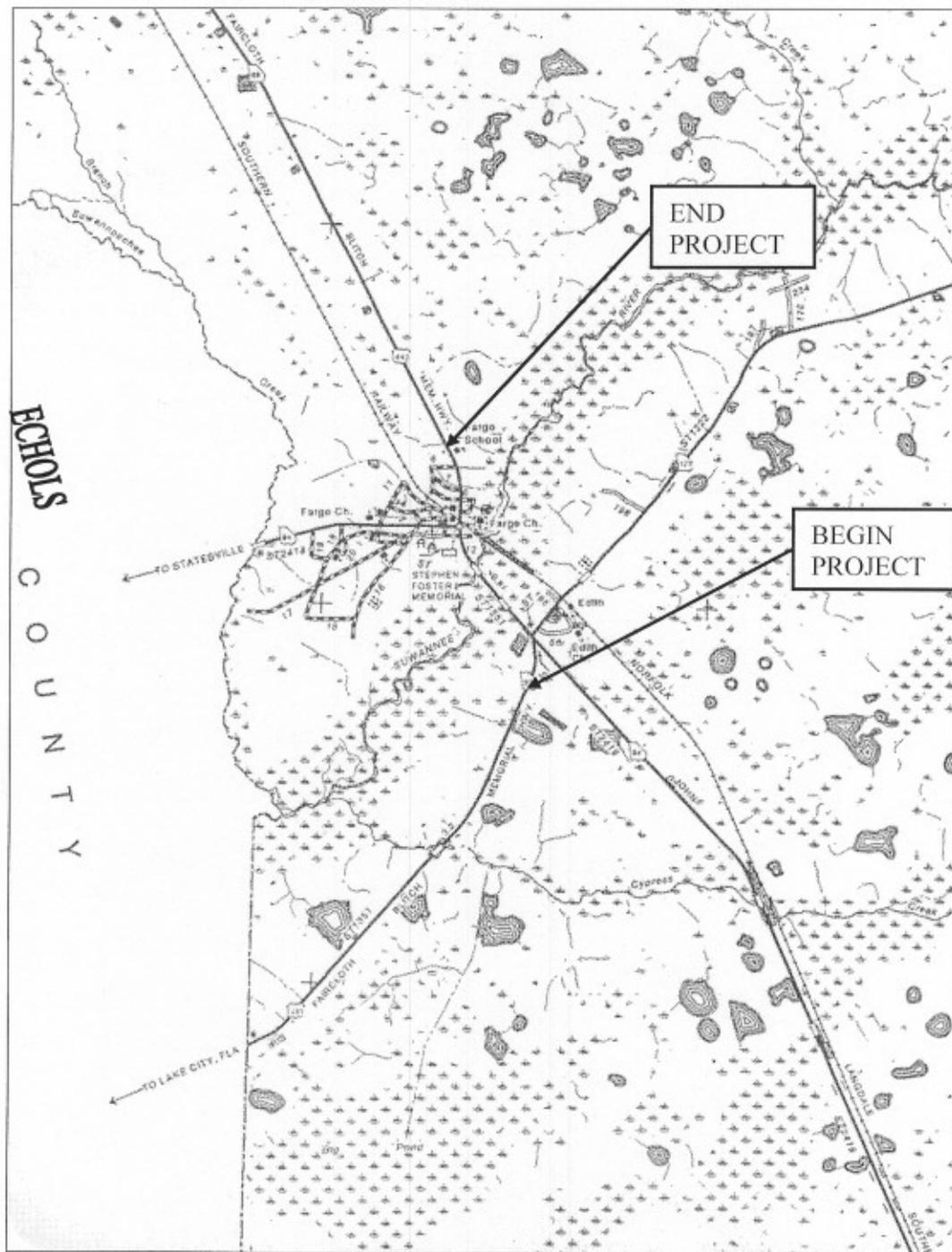
Drawings of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

Mr. Jerry Hughes, Area 1 Engineer
1411 Madison Hwy
Valdosta, GA 31601
(229) 333-5287
email: jerry.hughes@dot.state.ga.us

Any interested party may obtain a copy of the drawings or portions thereof by paying a nominal fee and requesting in writing to:

Mr. Mohammed (Babs) Abubakari, P.E.
State Consultant Design and Program Delivery engineer
No. 2 Capitol Square, Room 433
Atlanta, GA 30334
(404) 657-9750
email: babs.abubakari@dot.state.ga.us

Any written request or communication in reference to this project or notice SHOULD include the Project and P.I. Number as noted at the top of this notice.



Location Map

Project: EDS-441 (47) Clinch County PI No.: 422420

Description: US 41 from SR 94 (East)/SR 177 to 2850' North of Williamsburg Rd.

550-3436	1.00	EA	1750.00	SLOPE	1750.0
550-4118	4.00	EA	287.90	FLARED END SECTION 18 IN, SIDE DRAIN	1151.6
550-4124	8.00	EA	312.59	FLARED END SECTION 24 IN, SIDE DRAIN	2500.72
550-4130	6.00	EA	474.35	FLARED END SECTION 30 IN, SIDE DRAIN	2846.10
550-4218	13.00	EA	380.44	FLARED END SECTION 18 IN, STORM DRAIN	4945.72
550-4224	6.00	EA	454.09	FLARED END SECTION 24 IN, STORM DRAIN	2724.54
550-4230	2.00	EA	569.02	FLARED END SECTION 30 IN, STORM DRAIN	1138.04
550-4236	1.00	EA	688.85	FLARED END SECTION 36 IN, STORM DRAIN	688.85
573-2006	500.00	LF	10.51	UNDDR PIPE INCL DRAINAGE AGGR, 6 IN	5255.0
603-2180	250.00	SY	27.64	STN DUMPED RIP RAP, TP 3, 12 IN	6910.0
603-7000	250.00	SY	3.10	PLASTIC FILTER FABRIC	775.0
668-1100	25.00	EA	1635.82	CATCH BASIN, GP 1	40895.5
668-1110	2.50	LF	166.13	CATCH BASIN, GP 1, ADDL DEPTH	415.32
668-2100	13.00	EA	1459.00	DROP INLET, GP 1	18967.0
668-2110	49.00	LF	181.40	DROP INLET, GP 1, ADDL DEPTH	8888.6
Section Sub Total:					\$399,092.92

Section EROSION CONTROL

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	24.00	AC	438.25	TEMPORARY GRASSING	10518.0
163-0240	120.00	TN	218.60	MULCH	26232.0
163-0300	40.00	EA	1069.44	CONSTRUCTION EXIT	42777.60
163-0503	23.00	EA	351.86	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 3	8092.78
163-0504	17.00	EA	266.69	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 4	4533.73
163-0520	1000.00	LF	10.49	CONSTRUCT AND REMOVE TEMPORARY PIPE SLOPE DRAIN	10490.0
163-0530	2600.00	LF	1.90	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	4940.0
165-0010	9150.00	LF	1.06	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	9699.0
165-0030	11800.00	LF	1.29	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	15222.0
165-0070	1300.00	LF	1.18	MAINTENANCE OF BALED STRAW EROSION CHECK	1534.0
165-0085	2.00	EA	219.81	MAINTENANCE OF SILT CONTROL GATE, TP 1	439.62
165-0087	23.00	EA	114.60	MAINTENANCE OF SILT CONTROL GATE, TP 3	2635.79
165-0088	17.00	EA	113.00	MAINTENANCE OF SILT CONTROL GATE, TP 4	1921.0
165-0101	40.00	EA	331.33	MAINTENANCE OF CONSTRUCTION EXIT	13253.19
167-0100	18.00	MO	1273.83	WATER QUALITY MONITORING	22928.94
167-0200	2.00	EA	90.80	WATER QUALITY SAMPLING	181.6
171-0010	18300.00	LF	1.77	TEMPORARY SILT FENCE, TYPE A	32391.0
171-0030	23600.00	LF	3.05	TEMPORARY SILT FENCE, TYPE C	71980.0
603-2180	260.00	SY	27.64	STN DUMPED RIP RAP, TP 3, 12 IN	7186.40
603-2997	260.00	SY	1.85	FILTER BLANKET	481.0
700-6910	50.00	AC	747.43	PERMANENT GRASSING	37371.5
700-7000	46.00	TN	51.09	AGRICULTURAL LIME	2350.14
700-7010	114.00	GL	18.45	LIQUID LIME	2103.29
700-8000	70.00	TN	235.93	FERTILIZER MIXED GRADE	16515.10
715-2200	5000.00	SY	2.10	BITUMINOUS TREATED ROVING, WATERWAYS	10500.0
716-2000	496000.00	SY	1.14	EROSION CONTROL MATS, SLOPES	565440.0
Section Sub Total:					\$921,717.71

Section SIGN & MARKING

Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1031	1040.00	SF	17.09	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING TP 6	17773.6
636-1032	80.00	SF	26.09	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING TP 6	2087.2
636-2070	1868.00	LF	6.44	GALV STEEL POSTS, TP 7	12029.92
636-2080	438.00	LF	8.59	GALV STEEL POSTS, TP 8	3762.42
636-3010	14.00	EA	230.65	GROUND-MOUNTED BREAKAWAY SIGN SUPPORT	3229.1
652-5301	440.00	LF	0.11	SOLID TRAF STRIPE, 6 IN, WHITE	48.4
653-0120	154.00	EA	57.79	THERMOPLASTIC PVMT MARKING, ARROW, TP	8899.66

				2	
653-0170	123.00	EA	69.99	THERMOPLASTIC PVMT MARKING, ARROW, TP 7	8608.76
653-1501	137752.00	LF	0.25	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	34438.0
653-1502	120733.00	LF	0.23	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	27768.59
653-1504	440.00	LF	0.62	THERMOPLASTIC SOLID TRAF STRIPE, 12 IN, WHITE	272.8
653-1706	440.00	LF	2.29	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, YELLOW	1007.6
653-1804	137752.00	LF	1.44	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	198362.88
653-1810	120733.00	LF	0.72	THERMOPLASTIC SOLID TRAF STRIPE, 10 IN, WHITE	86927.76
653-3501	103720.00	GLF	0.13	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	13483.6
653-3502	2400.00	GLF	0.12	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, YELLOW	288.0
653-6004	1140.00	SY	2.24	THERMOPLASTIC TRAF STRIPING, WHITE	2553.60
653-6006	2760.00	SY	2.32	THERMOPLASTIC TRAF STRIPING, YELLOW	6403.2
654-1001	302.00	EA	3.39	RAISED PVMT MARKERS TP 1	1023.78
654-1003	2940.00	EA	3.54	RAISED PVMT MARKERS TP 3	10407.6
657-1054	2220.00	LF	3.72	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, WHITE, TP PB	8258.4
657-3054	2120.00	GLF	1.97	PREFORMED PLASTIC SKIP PVMT MKG, 5 IN, WHITE, TP PB	4176.4
657-6054	2120.00	LF	3.97	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, YELLOW, TP PB	8416.4
Section Sub Total:					\$460,227.68

Section BRIDGE					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
543-1100	4.00	LS	800000.00	CONSTR OF BRIDGE - COMPLETE - TO BOTTOM OF CAP	3200000.0
Section Sub Total:					\$3,200,000.00

Total Estimated Cost: \$12,826,080.29

Subtotal Construction Cost	\$12,826,080.29
E&C Rate 10.0 %	\$1,282,608.03
Inflation Rate 5.0 % @ 5.0 Years	\$3,897,970.46
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Total Construction Cost	\$18,006,658.78
Right Of Way	\$2,500,000.00
ReImb. Utilities	\$250,000.00
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Grand Total Project Cost	\$20,756,658.78